

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

Entitled : A REPLENISHING DEVICE FOR A CLOSED CIRCUIT

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ABSTRACT OF THE DISCLOSURE

A replenishing device for a closed circuit comprising at least one hydraulic motor and at least two main pipes which are connected to the pump to provide respectively the feed and the discharge for the motor. The device comprises a replenishing selector suitable for putting the main pipe that is at the lower pressure in communication with a valve which itself communicates with a pressure-free reservoir. The replenishing selector and the valve are united in the same replenishing valve unit having an inlet suitable for being connected to the main pipe that is at the lower pressure, and an outlet which communicates continuously with the pressure-free reservoir. The valve is suitable for causing the inlet to communicate with the outlet when the pressure in said main pipe reaches a given pressure threshold.